

INTERNATIONAL SEARCH REPORT

International Application No

PCT/DE 03/0

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 C12Q1/68

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 C12Q C08F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, BIOSIS, MEDLINE, CHEM ABS Data, EMBASE

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 00 31148 A (BEUHLER ALLYSON J ; MCGOWEN JOHN A (US); MOTOROLA INC (US)) 2 June 2000 (2000-06-02) abstract page 3, line 24 -page 4, line 7 page 5, line 1 -page 19, line 25 claims 1-26	1-11
X	WO 00 43539 A (BIOCHIP TECHNOLOGIES GMBH ; RUEHE JUERGEN (DE); PRUCKER OSWALD (DE)) 27 July 2000 (2000-07-27) cited in the application abstract	1-11



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

& document member of the same patent family

Date of the actual completion of the international search

10 November 2003

Date of mailing of the international search report

28/11/2003

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Madlener, M

INTERNATIONAL SEARCH REPORT

International Application No.

PCT/DE 03/0

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 596 038 A (SUBRAMANIAM RAJ) 21 January 1997 (1997-01-21) abstract column 5, line 42 -column 6, line 27 examples 1-12 claims 1-12	1-11
A	US 5 428 076 A (ROE DONALD C) 27 June 1995 (1995-06-27) the whole document	1-11
A	US 5 972 375 A (TRUTER PATRICIA-ANN ET AL) 26 October 1999 (1999-10-26) the whole document	1-11
A	VASILISKOV A V ET AL: "FABRICATION OF MICROARRAY OF GEL-IMMOBILIZED COMPOUNDS ON A CHIP BYCOPOLYMERIZATION" BIOTECHNIQUES, EATON PUBLISHING, NATICK, US, vol. 27, no. 3, September 1999 (1999-09), pages 592,594,596-598,600,602,604,606, XP000849476 ISSN: 0736-6205 the whole document	1-11
A	HEALEY B G ET AL: "FIBEROPTIC DNA SENSOR ARRAY CAPABLE OF DETECTING POINT MUTATIONS" ANALYTICAL BIOCHEMISTRY, ACADEMIC PRESS, SAN DIEGO, CA, US, vol. 251, no. 2, 5 September 1997 (1997-09-05), pages 270-279, XP000703841 ISSN: 0003-2697 the whole document	1-11
A	TIMOFEEV E ET AL: "Binding specificity and stability of duplexes formed by modified oligonucleotides with a 4096-hexanucleotide microarray" NUCLEIC ACIDS RESEARCH, OXFORD UNIVERSITY PRESS, SURREY, GB, vol. 29, no. 12, June 2001 (2001-06), pages 2626-2634, XP002961131 ISSN: 0305-1048 the whole document	1-11

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/DE 03/

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 0031148	A	02-06-2000	US 2002035167 A1 AU 2028500 A WO 0031148 A2 US 2002115740 A1	21-03-2002 13-06-2000 02-06-2000 22-08-2002
WO 0043539	A	27-07-2000	EP 1035218 A1 AU 3150400 A CA 2360027 A1 WO 0043539 A2 EP 1144677 A2 JP 2002535450 T	13-09-2000 07-08-2000 27-07-2000 27-07-2000 17-10-2001 22-10-2002
US 5596038	A	21-01-1997	AU 2547795 A CA 2189866 A1 EP 0759945 A1 WO 9531491 A1 US 5817016 A	05-12-1995 23-11-1995 05-03-1997 23-11-1995 06-10-1998
US 5428076	A	27-06-1995	US 5372766 A AT 197675 T AU 680558 B2 AU 7925494 A CA 2185546 A1 DE 69426335 D1 DE 69426335 T2 EP 0752891 A1 ES 2151934 T3 JP 3414744 B2 JP 9511536 T WO 9526758 A1 ZA 9407604 A	13-12-1994 15-12-2000 31-07-1997 23-10-1995 12-10-1995 28-12-2000 23-05-2001 15-01-1997 16-01-2001 09-06-2003 18-11-1997 12-10-1995 16-05-1995
US 5972375	A	26-10-1999	AT 155493 T AU 664913 B2 AU 4459993 A CA 2103846 A1 DE 69312181 D1 DE 69312181 T2 EP 0583170 A1 IL 106660 A JP 6212045 A ZW 9693 A1 ZA 9305878 A	15-08-1997 07-12-1995 24-02-1994 14-02-1994 21-08-1997 11-12-1997 16-02-1994 15-04-1997 02-08-1994 01-12-1993 12-04-1994